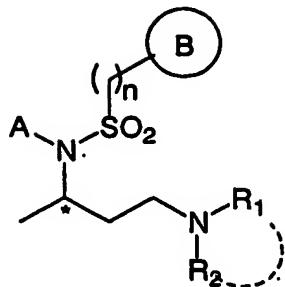


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Claims

1. A compound of formula (I):-



wherein A is an aromatic moiety or selected from benzyl, C₁-C₁₆ alkyl dialkylamino, dialkylaminoalkyl, alkoxyalkyl, cyano, and mono-, di-, or tri-hydroxyalkyl and/or aryl,

B is an aromatic moiety,

R₁ and R₂ are independently C₁ to C₆ alkyl or NR₁R₂ forms a 5 to 8 membered ring optionally containing one or two additional heteroatoms selected from nitrogen, oxygen and sulphur and which is optionally substituted by C₁ to C₆ alkyl, and

n is 0 or 1,

and salts and hydrates thereof

2. A compound as claimed in claim 1, wherein the moiety NR₁R₂ is 4-methylpiperidinyl.

3. A compound as claimed in claim 1 or 2, wherein A is an aromatic moiety, and A and B are independently selected from phenyl, naphthyl, azobenzene, or a 5 or 6 membered heteroaryl ring or a benzofused heteroaryl ring containing from 1 to 3 heteroatoms selected from oxygen, nitrogen and

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sulphur, any of which may be optionally substituted with one or more of C₁-6 alkyl, C₁-6 alkoxy, C₁-6 alkylthio, halo, cyano, nitro, C₁-6 alkylcarbonyl, and trifluoromethyl.

4. A compound as claimed in any preceding claim, wherein A is phenyl, benzyl, naphth-1-yl or pyridin-2-yl.
5. A compound as claimed in any preceding claim, wherein A has one or more of the following substituents: cyano, methoxy, acetyl, nitro and methyl.
6. A compound a claimed in claim 4 or 5 wherein A is monosubstituted phenyl.
7. A compound as claimed in any one of claims 1 to 5, wherein A is p-toluidine, m-anisidine or naphth-1-yl.
8. A compound as claimed in any preceding claim, wherein B is phenyl, naphth-1-yl or thiophen-2-yl.
9. A compound as claimed in any preceding claim, wherein B has one or more of the following substituents: methyl, methoxy, nitro, bromo, trifluoromethyl, acetamido and phenyl.
10. A compound as claimed in any preceding claim, wherein B is mono-or di-substitued phenyl.

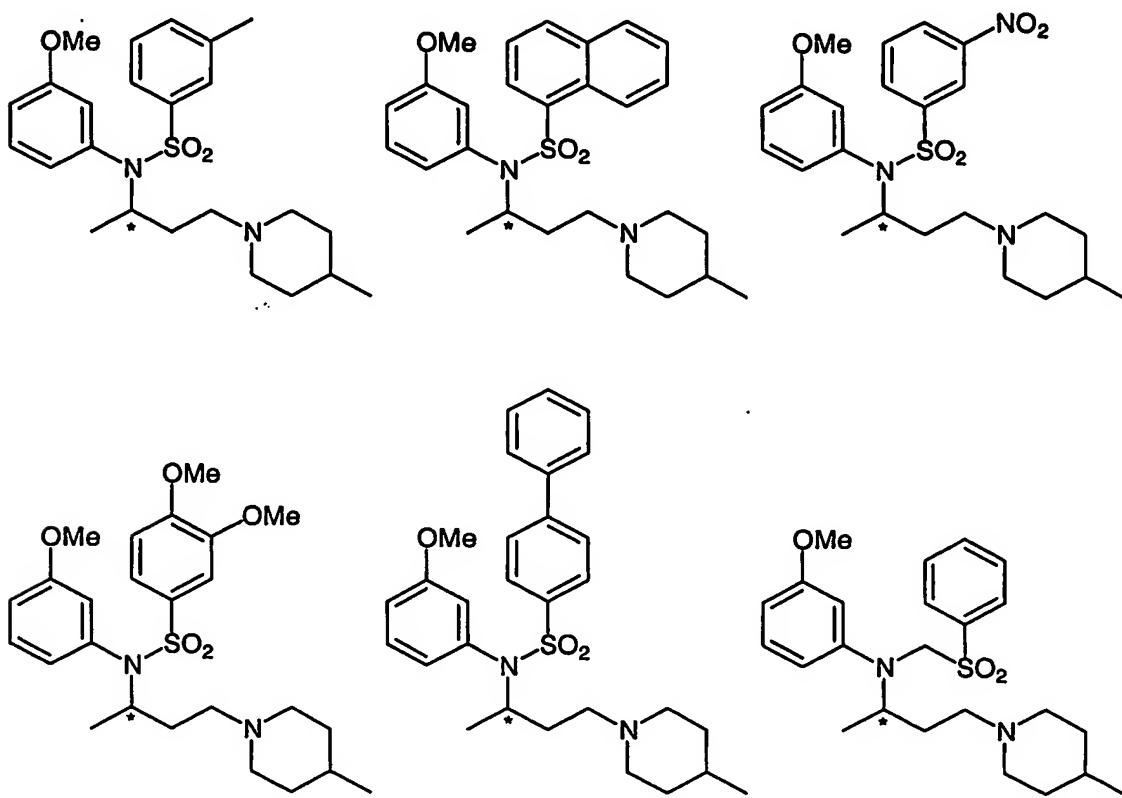
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11. A compound as claimed in any one of claims 1 to 9, wherein B is m-toluidine, naphth-1-yl, m-nitrophenyl, 4-biphenyl or m,p-dimethoxyphenyl.

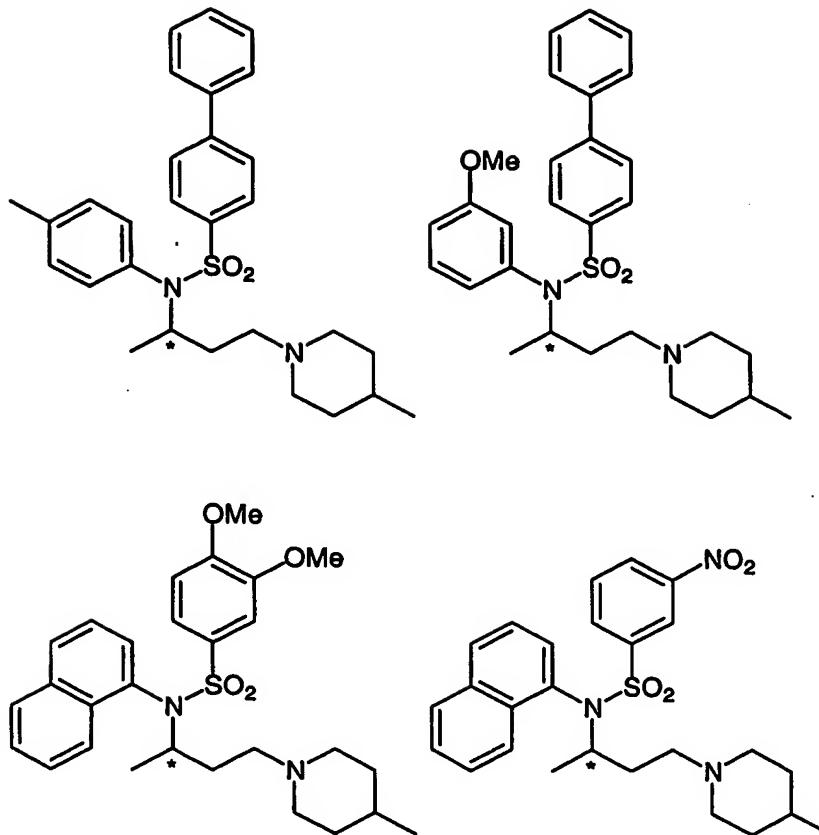
12. A compound as claimed in any preceding claim, wherein n is 1 and B is phenyl.

13. A compound as claimed in any of claims 1 to 11, wherein n is 0.

14. A compound as claimed in claim 1, having one of the following formulae:



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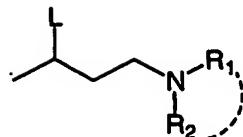
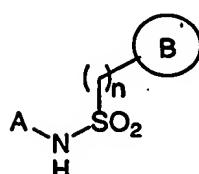
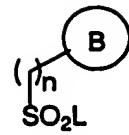
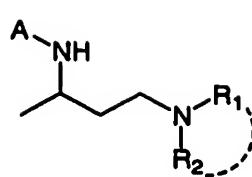
15. A compound as claimed in any preceding claim which has (R) stereochemistry at C*.

16. A compound which is metabolised or otherwise converted in vivo to a compound claimed in any one of claims 1 to 15.

17. A method of synthesising a compound of any one of claims 1 to 15 comprising the steps of

(i) coupling a compound of formula (II) with a compound of formula (III) or coupling a compound of formula (IV) with a compound of formula (V),

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where L is a leaving group and A, B and n are as defined in formula (I),

- (ii) removing any protecting groups which may be present and
- (iii) optionally forming a pharmaceutically acceptable salt.

18. A compound as claimed in claim 17, wherein L is halogen.

19. A compound as claimed in claim 17 or 18, wherein compounds of formulae (II) and (III) are coupled and L is chloro.

20. A compound as claimed in claim 17 or 18, wherein compounds of formula (IV) and (V) are coupled and L is iodo.

21. The use of a compound as claimed in any one of claims 1 to 15 as a 5-HT₇ receptor ligand and/or as a 5-HT₇ receptor antagonist.

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22. The use as claimed in claim 21, wherein said compound exhibits selectivity towards the 5-HT₇ receptor over one or more other 5-HT receptor subtypes.
23. A method of treatment of a mammal afflicted with a CNS disorder, or prophylaxis in a mammal at risk of such a CNS disorder, by administration of a therapeutically effective amount of a compound as claimed in any one of the claims 1 to 15.
24. A pharmaceutical formulation comprising a compound as claimed in any one of claims 1 to 16 in admixture with a pharmaceutically acceptable carrier therefor.
25. The use of a compound as claimed in any one of claims 1 to 16 in the preparation of a medicament, for the treatment or prophylaxis of a CNS disorder, inflammation, spastic colon, renal disorders, hypotension, cardiovascular shock, stroke, septic shock or gastrointestinal conditions such as irritable bowel syndrome.